INDEX TO AUTHORS

ANDERSEN, MARY E., see *Boyden, S. V.*

ANDERSON, J. R., iso-immunisation of rabbits by means of Freund-McDermott adjuvants, 137

ANDRE, JANET, see *Havas, H. F.*

ANDREWES, C. H., propagation of myxoma virus in one-day-old mice, 18

ANDREWS, G. S., metabolic studies on surviving human prostatic tissue, 611

BARCLAY, W. R., see *Harris, H.*

BARNES, JOAN M., quantitative studies in diphtheria prophylaxis. Antigenic interactions. I. Simultaneous inoculations, 415

——— see *Holt, L. B.*

BARR, MOLLIE, some factors influencing the response to immunisation with single and combined prophylactics, 147

BAUER, D. J., the antiviral and synergic actions of isatin thiosemicarbazone and certain phenoxypyrimidines in vaccinia infection in mice, 105

BENACERRAF, B., see *Biozzi, G.*

BIOZZI, G., the effect of *Salm. typhi* and its endotoxin on the phagocytic activity of the reticulo-endothelial system in mice, 226

BLOCH, H., studies on the virulence of tubercle bacilli. The effect of cord factor on murine tuberculosis, 8

BOYDEN, S. V., agglutination of normal erythrocytes in mixtures of antibody and antigen, and haemolysis in the presence of complement, 162

BRIDGWATER, F. A. J., the neurotoxin of *Shigella shigae*. Morphological and functional lesions produced in the central nervous system of rabbits, 447

CAMPBELL, J. A. H., see *Parker, R. G. F.*

CHAPRONIERE, DONNA M., propagation of fowl plague and of Newcastle disease viruses in cultures of embryonic human lung, 607

CINADER, B., acquired immune tolerance to human albumin and the response to subsequent injections of diazo human albumin, 515

CLARINGBOLD, P. J., the biological assay of myxoma virus, 573

COBURN, A. F., see *Slade, H. D.*

COOMBS, R. R. A., a circumstance in which the phenomenon of coagglutination could complicate the anti-globulin sensitisation test by simulating agglutination, 179

CROSLAND-TAYLOR, P. J., the effect of X-rays on the secondary antibody response, 530

CYMERMAN-CRAIG, J., chemical constitution and anti-tuberculous activity. Part II. Bases possessing the diphenyl structure, 254

——— chemical constitution and anti-tuberculous activity : Part III. Heterocyclic bases, 261

DAVIES, A. M., the influence of Aerobacter levan on the permeability of the blood vessels of the skin : Studies with antibody globulins and trypan blue, 500

DAVIES, JOAN R., the specific precocious protective action of tetanus toxoid, 487

DIDCOCK, K. A. H., see *Robson, J. M.*

DINGLE, J. T. M., see *Page Thomas, D. P.*

DODSON, L. F., observations on the effect of isoniazid and streptomycin on tubercles in a transparent chamber in the rabbit's ear, 236

DONIACH, I., see *Logothetopoulos, J. H.*

DUBERT, J. M., see *Cinader, B.*

DUTTON, A. A. C., the influence of the route of injection on lethal infections in mice, 128

EASTOE, J. E., see *Windrum, G. M.*

EVANS, D. G., the production of both interference and antibody immunity by pertussis vaccine to pertussis infection in mice, 391

FAZEKAS DE ST. GROTH, S., the production of incomplete virus particles among influenza strains. Chemical induction of the von Magnus phenomenon, 205

FILDES, P., the rate of adsorption of bacteriophage by rough and smooth strains of *Salmonella typhi*, 534

FLOREY, H. W., see *Dodson, L. F.*
——— see *Watson, G. M.*
FONNESU, A., glycogen accumulation in the liver due to 2 : 4-dinitrophenol, 35

GLADSTONE, G. P., the effect of cultural conditions on the susceptibility of *Bacillus anthracis* to lysozyme, 363
GOULDING, R., *Mycobacterium tuberculosis*—a study on the virulence of isoniazid-resistant variants, 628
GRAHAM, DORIS, M., see *Fazekas de St. Groth, S.*

HALPERN, B. N., see *Bioch, G.*
HARISIJADES, S., see *Andrewes, C. H.*
HARPER, G. J., *Brucella suis* infection of guinea-pigs by the respiratory route, 60
HARRIS, H., some quantitative studies on the multiplication of connective tissue cells *in vitro*, 115
——— the sulphur requirement of rat connective tissue cells, 454
——— a method for measuring the respiration of animal cells *in vitro*, with some observations on the macrophages of the rabbit, 592
HARRIS-SMITH, PATRICIA W., see *Keppie, J.*
——— see *Smith, H.*
HARRISON, C. V., see *Zaidi, S. H.*
HARTROFT, W. S., see *Wilgram, G. F.*
HAVAS, H. F., a study of the enhancing effect of adjuvants on antibody formation in mice, 171
HESTRIN, S., see *Davies, A. M.*
HOLT, L. B., quantitative studies in diphtheria prophylaxis. The determination of the antigenicity characteristics of purified diphtheria toxoid in simple solution and as P.T.A.P., 407
——— see *Barnes, Joan M.*
HOWARD, J. G., observations on the intoxication produced in mice and rabbits by the neurotoxin of *Shigella shigae*, 439
HUGHES, R., see *Widdicombe, J. G.*
HUMPHREY, J. H., the mechanism of Arthus reactions. I. The rôle of polymorphonuclear leucocytes and other factors in reversed passive Arthus reactions in rabbits, 268
——— the mechanism of Arthus reactions. II. The rôle of polymorphonuclear leucocytes and platelets in reversed passive reactions in the guinea-pig, 283

JENNINGS, R. K., the double diffusion precipitin technique as a tool for the study of the induction period of antibody formation, 1
JOHNSTON, H. H., see *Gladstone, G. P.*
JOWSEY, JENIFER, retention and excretion of ^{90}Sr by adult rabbits, 22
JOYSEY, VALERIE C., see *Coombs, R. R. A.*

KAY, D., the reactions of certain bacteriophages with their receptors isolated from *Salmonella typhi* 0 901 R, 290
——— see *Fildes, P.*
KENT, P. W., see *Windrum, G. M.*
KEPPIE, J., the chemical basis of the virulence of *Bacillus anthracis*. III. The rôle of the terminal bacteraemia in death of guinea-pigs from anthrax, 315
——— see *Smith, H.*
KING, E. J., see *Zaidi, S. H.*
KNOX, R., haemin-isoniazid interaction and the effect of haemin in "reviving" isoniazid-treated tubercle bacilli, 425

LISCO, H., the modification of beryllium-induced tissue damage in mice by therapy with aurintricarboxylic acid, 471
LLEWELLYN-JONES, MONA, see *Barr, Mollie*
LOMER, J. W., see *Cymerman-Craig, J.*
LODGE, K. V., experimental oesophagitis in rats, 155
LOGOTHETOPOULOS, J., naturally occurring protein droplets in the proximal tubule of the rat's kidney, 402
——— compensatory hypertrophy of the rat thyroid after partial thyroidectomy, 617
LONG, D. A., the influence of the thyroid gland on the production of antitoxin in the guinea-pig, 351

MCCANCE, R. A., see *Widdowson, E. M.*
MACKAY, MARGARET E., see *Wilhelm, D. L.*
MALONE, FRANCES, see *Jennings, R. K.*
MAY, A. J., see *Widdicombe, J. G.*
MILES, A. A., enzyme-like globulins from serum reproducing the vascular phenomena of inflammation. I. An activable permeability factor and its inhibitor in guinea-pig serum, 71
——— see *Wilhelm, D. L.*
MITCHISON, D. A., see *Zaidi, S. H.*
MORGAN, R. S., see *Bridgwater, F. A. J.*

NOLL, H., see *Bloch, H.*
NORLIN, G., studies on the purification of diphtheria toxin, 599

OWEN, MAUREEN, see *Jowsey, Jenifer.*

PAGE THOMAS, D. P., *in vitro* studies of rheumatoid synovium. Preliminary metabolic comparison between synovial membrane and villi, 195
PARKER, R. G. F., the rôle of bacteria in the pathogenesis of hepatic arterial infarction in the rabbit, 143
PAYLING WRIGHT, G., see *Bridgwater, F. A. J.*
PEREIRA, H. G., see *Chaproniere, Donna M.*
PERKINS, F. T., see *Evans, D. G.*
PIERSON, BARBARA J., see *Cymerman-Craig, J.*
POOLE, J. C. F., the effect of certain fatty acids on the coagulation of plasma *in vitro*, 248

ROBERTS, D. C., see *Weston Hurst, E.*
ROBERTS, K. B., the failure of macrophages to produce antibodies, 199
——— antibody formation in the omentum, 357
ROBSON, J. M., studies of the developing tuberculous lesion by phase contrast microscopy, 560
ROSS, JOAN M., on the histopathology of experimental anthrax in the guinea-pig, 336
ROWSON, K. E. K., see *Bridgwater, F. A. J.*
RUBBO, S. D., see *Cymerman-Craig, J.*

SAISON, RUTH, see *Coombs, R. R. A.*
SANDERS, A. G., see *Dodson, L. F.*
SEVERI, CLARA, see *Fonnesu, A.*
SHEWELL, JENNIFER, see *Long, D. A.*
SHILO, M., see *Davies, A. M.*
SHOOTER, R. A., mineral requirements for growth of *Staphylococcus pyogenes*. Effect of magnesium and calcium ions, 341
SIMICH, L., see *Slade, H. D.*
SIMPSON, L. O., see *Woodruff, M. F. A.*
SLADE, H. D., studies on the pathogenicity of *Streptococcus pyogenes*. III. The utilisation of ^{59}Fe, ^{65}Zn and ^{32}P by group A streptococcus and the quantitative determination of the air-borne infection of mice with " tagged " cells, 566
SMITH, H., the chemical basis of the virulence of *Bacillus anthracis*. IV. Secondary shock as the major factor in death of guinea-pigs from anthrax, 323
——— the chemical basis of the virulence of *Bacillus anthracis*. V. The specific toxin produced by *B. anthracis in vivo*, 460
——— see *Keppie, J.*
SNOW, G. A., see *Weston Hurst, E.*
SOBEY, W. R., see *Claringbold, P. J.*
STANLEY, J. L., see *Smith, H.*
STONER, H. B., studies on the mechanism of shock. The effect of limb ischaemia on phosphomonoesterase distribution, 306
SWAIN, R. H. A., a microscopical study of the reproduction of psittacosis virus, 507
TAYLOR, K. B., modification of the reaction to vole bacillus inoculation in the guinea-pig, 636
——— see *Andrews, G. S.*
TUTT, MARGARET, see *Jowsey, Jenifer*

VAN BEKKUM, D. W., the effect of X-rays on the oxidative phosphorylation of mitochondria in relation to nuclear damage, 432
VAN HEYNINGEN, W. E., the neurotoxin of *Shigella shigae*. 5. The effect of iron and related metals on the growth, respiration and toxin production of *Shigella shigae* and related organisms, 373
——— the neurotoxin of *Shigella shigae* 6. The relation between toxin and cyto-chrome production in the organism, 381
VAUGHAN, JANET, see *Jowsey, Jenifer*
VOLLUM, R. L., see *Taylor, K. B.*
VOS, O., see *van Bekkum, D. W.*

WATERWORTH, PAMELA M., the stimulation and inhibition of the growth of *Haemophilus influenzae* on media containing blood, 186
WATSON, G. M., the absorption of vitamin B_{12} in gastrectomised rats, 479
WEINBREN, K., the portal blood supply and regeneration of the rat liver, 583
——— see *Logothetopoulos, J.*
WESTON HURST, E., the antiviral activity of mepacrine in relation to morphological changes produced by the drug, 215
WHITE, MARCIA R., see *Lisco, H.*
WIDDICOMBE, J. G., the efficiency of filtration by the popliteal lymph node of the rabbit, 473
WIDDOWSON, E. M., the effect of suckling anaemia on the pig's heart, 175
WILGRAM, G. F., pathogenesis of fatty and sclerotic lesions in the cardiovascular system of choline-deficient rats, 298
WILHELM, D. L., enzyme-like globulins from serum reproducing the vascular phenomena of inflammation. II. Isolation and properties of the permeability factor and its inhibitor, 82
——— see *Miles, A. A.*
WINDRUM, G. M., the constitution of human renal reticulin, 49

WOODROFFE, R. C., see *Knox, R.*

WOODRUFF, M. F. A., induction of tolerance to skin homografts in rats by injection of cells from the prospective donor soon after birth, 494

WRIGHT, E. A., see *Davies, Joan R.*

WYATT, H. V., see *Shooter, R. A.*

WYLIE, J. A. H., see *Taylor, K. B.*

WYNN WILLIAMS, A., pathogenesis of cortisone-induced exophthalmos in guinea-pigs, 245

ZAIDI, S. H., experimental infective pneumoconiosis. II. Coal-mine dust with attenuated tubercle bacilli (B.C.G.) in the lungs of immunised guinea-pigs, 539

——— experimental infective pneumoconiosis. III. Coal-mine dust and isoniazid-resistant tubercle bacilli of moderate virulence, 545

——— experimental infective pneumoconiosis. IV. Massive pulmonary fibrosis produced by coal-mine dust and isoniazid-resistant tubercle bacilli of low virulence, 553